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App No.: Not Yet Assigned Docket No.: UMY-055
Inventor: Michael P. Czech et al.
Title: METHOD OF INTRODUCING siRNA INTO ADIPOCYTES

Docket No.: UMY-055

Δ	siRNA duplex	Targeted region	Sequence
	Lamin A/C	726-746	5' Cy3-GGAGGAGCUUGACUUCCAGdTdT dTdTCCUCCUCGAACUGAAGGUC 5'
	Scrambled	None	5' Cy3-CAGUCGCGUUUGCGACUGGdTdT dTdTGUCAGCGCAAACGCUGACC 5'
В	Scrambled Cy3-siRNA	Lamin Cy3-siRNA	Scrambled Cy3-siRNA Lamin Cy3-siRNA
Cy3 label		Za	3a 4 4a
Lamin A/C	∄b	. 2b	3b 4b
	3T3-L1	adipocytes	3T3-L1 Fibroblasts

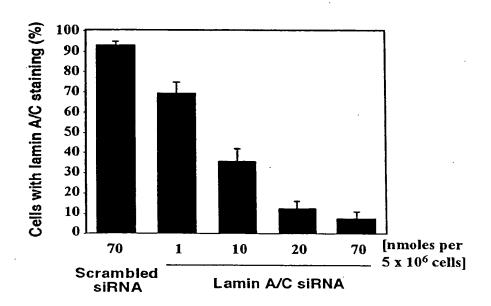
FIG. 1

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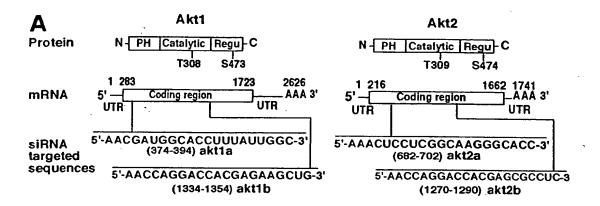


FIG. 3A

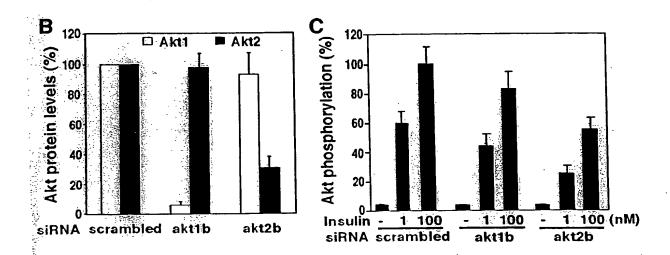
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time 24 hours 48 hours Scr A1a A1b A2a A2b siRNA Scr A1a A1b A2a A2b ■ Myosin IIB

FIG. 3B

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siRNA scrambled akt2b Insulin phospho-T308/309-Akt



IGS. 4B

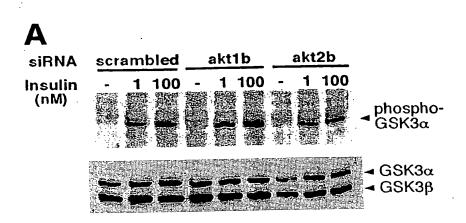


FIG. 5A

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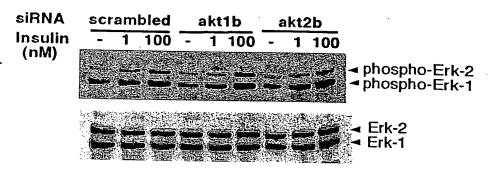
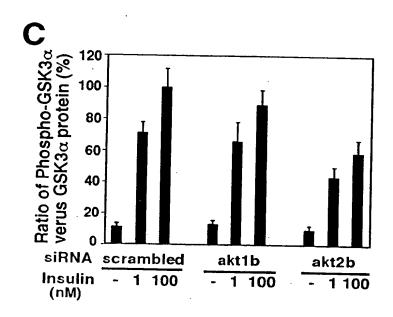


FIG. 50



TG. 5C

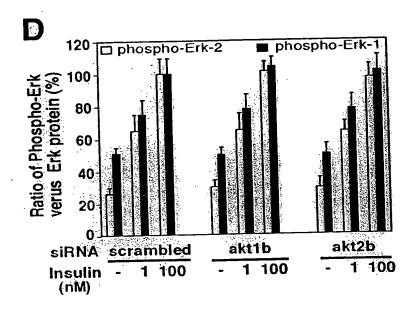
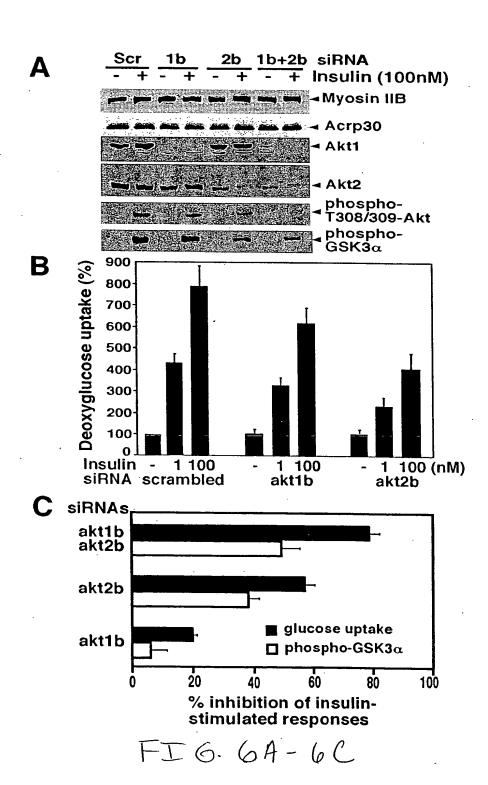


FIG.

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App No.: Not Yet Assigned Docket No.: UMY-058
Inventor: Michael P. Czech et al.
Title: METHOD OF INTRODUCING siRNA INTO ADIPOCYTES



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